

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT.OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

## **BIB DATA SHEET**

## **CONFIRMATION NO. 1606**

SERIAL NUMBE 10/522,241	DATE		<b>E</b> ''		CLASS 257	GROUP ART UNIT 2815		UNIT	ATTORNEY DOCKET NO. HIRA.0178	
·	RUL								1	
APPLICANTS Satoshi Sugahara, Kanagawa, JAPAN; Masaaki Tanaka, Saitama, JAPAN;										
** CONTINUING DATA **********************************										
** FOREIGN APPLICATIONS ************************************										
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **										
Foreign Priority claimed Yes No  35 USC 119(a-d) conditions met Yes No  Met after				STATE OR COUNTRY		SHEETS TOTA			INDEPENDENT CLAIMS	
Verified and /JAMI M VALENTINE/ Acknowledged Examiner's Signature Thitials				ince	JAPAN		14 70			21
ADDRESS										
REED SMITH LLP 3110 FAIRVIEW PARK DRIVE, SUITE 1400 FALLS CHURCH, VA 22042 UNITED STATES										
TITLE										
Spin transistor using spin-filter effect and nonvolatile memory using spin transistor										
							☐ All Fees			
							☐ 1.16 Fees (Filing)			
	FEES: Authority has been given in Paper  No to charge/credit DEPOSIT ACCOUNT  No for following:						☐ 1.17 Fees (Processing Ext. of time)			
							☐ 1.18 Fees (Issue)			
							Other			
							☐ Credit			